

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
 Data File : FE054892.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2025 09:02
 Operator : YP\AJ
 Sample : PB168876BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168876BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/18/2025

Supervised By :mohammad ahmed 07/21/2025

Integration File: autoint1.e

Quant Time: Jul 17 09:42:20 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M

Quant Title : GC Extractables

QLast Update : Tue Jul 08 07:45:12 2025

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.097	5212368	32.097 ug/ml
Spiked Amount 50.000		Recovery =	64.19%
12) S 1-chlorooctadecane (S...	13.532	4104605	32.500 ug/ml
Spiked Amount 50.000		Recovery =	65.00%
Target Compounds			
1) T n-Nonane (C9)	3.441	5190098	38.586 ug/ml
2) T n-Decane (C10)	4.696	5700110	41.775 ug/ml
3) T A~Naphthalene (C11.7)	6.412	7250287	47.884 ug/ml
4) T n-Dodecane (C12)	6.867	6031810	43.961 ug/ml
5) T A~2-methylnaphthalene...	7.513	6819677	46.391 ug/ml
6) T n-Tetradecane (C14)	8.705	6108609	44.065 ug/ml
7) T n-Hexadecane (C16)	10.319	6205360	43.543 ug/ml
8) T n-Octadecane (C18)	11.770	6155293	42.000 ug/ml
10) T n-Eicosane (C20)	13.085	6258739	43.526 ug/ml
11) T n-Heneicosane (C21)	13.699	5947394	41.639 ug/ml
13) T n-Docosane (C22)	14.287	5861337	41.049 ug/ml
14) T n-Tetracosane (C24)	15.396	12387749	85.218 ug/ml
15) T n-Hexacosane (C26)	16.419	5669569	39.177 ug/ml
16) T n-Octacosane (C28)	17.370	5632197	38.646 ug/ml
17) T n-Tricontane (C30)	18.260	5739869	36.424 ug/ml
18) T n-Dotriacontane (C32)	19.094	5814804	35.941 ug/ml
19) T n-Tetratriacontane (C34)	19.881	6323072	41.492 ug/mlm
20) T n-Hexatriacontane (C36)	20.620	6405456	47.640 ug/ml
21) T n-Octatriacontane (C38)	21.407	7108646	60.611 ug/ml
22) T n-Tetracontane (C40)	22.405	6875317	63.435 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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